

No. 4223

(Received at London Office

# TESTS OF BOILER STEEL.

Tests of 20 Steel Bars manufactured by Messrs D Colville & Sons of Motherwell  
for Boiler No. 379/50 to be constructed by Messrs James Howden & Co of Glasgow  
for Messrs Harland & Wolff's S.S. No. 213

Date first visit April 6<sup>th</sup> 1888 last visit April 10<sup>th</sup> 1888 No. of visits

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from \_\_\_\_\_ charges. The tensile test has been applied to \_\_\_\_\_ samples as set forth below, and the temper and bending tests to a piece of one of the bars with satisfactory results.

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge.	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins. %	Remarks.
					Thickn.	Brth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Stay Bar 1/8 Dia			231	1.37	Dia 1.474	43.60	29.1	30.0		

Fee ..... £            :            :

Expenses £ : :

£ : :

*To be paid by*

*H. W. Dore*  
Surveyor, Lloyd's Register.

*Surveyor, Lloyd's Register.*

10-4-88